

CLAIMS

1. Alk(en)yl oligoglycoside betaine esterquats corresponding to formula (I):



10 in which R^1 is an alk(en)yl group containing 4 to 22 carbon atoms, G is a sugar unit containing 5 or 6 carbon atoms and n is a number of 1 to 10, R^2 is H or a CH_3 group, R^3 is H or a linear and/or branched alk(en)yl group containing 1 to 6 carbon atoms, R^4 , R^5 and R^6 independently of one another represent a linear and/or branched alk(en)yl group containing 1 to 24 carbon atoms or a linear and/or branched hydroxyalkyl and/or hydroxyalkenyl group containing 1 to 24 carbon atoms.

15 2. Preparations as claimed in claim 1, characterized in that alk(en)yl oligoglycoside betaine esterquats corresponding to formula (I), in which R^1 is an alk(en)yl group containing 4 to 22 carbon atoms, G is a sugar unit containing 5 or 6 carbon atoms and n is a number of 1 to 10, R^2 and R^3 are H or a CH_3 group, R^4 and R^5 independently of one another represent a linear and/or branched alk(en)yl group containing 1 to 6 carbon atoms or a
20 linear and/or branched hydroxyalkyl and/or hydroxyalkenyl group containing 1 to 6 carbon atoms, R^6 is a linear and/or branched alk(en)yl group containing 1 to 24 carbon atoms or a linear and/or branched hydroxyalkyl and/or hydroxyalkenyl group containing 1 to 24 carbon atoms, are used.

25 3. Preparations as claimed in claim(s) 1 and/or 2, characterized in that alk(en)yl oligoglycoside betaine esterquats corresponding to formula (I), in which R^1 is an alk(en)yl group containing 4 to 22 carbon atoms, G is a sugar unit containing 5 or 6 carbon atoms and n is a number of 1 to 10, R^2 and R^3 are H, R^4 and R^5 represent a CH_3 group or a hydroxyethyl group, R^6
30 is a linear and/or branched alk(en)yl group containing 1 to 24 carbon atoms

or a linear and/or branched hydroxyalkyl and/or hydroxyalkenyl group containing 1 to 24 carbon atoms, are used.

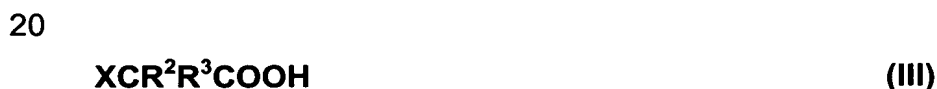
4. Surface-active preparations as claimed in at least one of claims 1 to 3, characterized in that they contain alk(en)yl oligoglycoside betaine esterquats.

5. Laundry detergents, dishwashing detergents and cleaners and cosmetic and/or pharmaceutical preparations as claimed in at least one of claims 1 to 4, characterized in that they contain alk(en)yl oligoglycoside betaine esterquats in quantities of 0.01 to 60% by weight, based on the active substance content.

6. A process for the production of alk(en)yl oligoglycoside betaine esterquats, in which alk(en)yl oligoglycosides corresponding to formula (II):



in which R^1 is an alk(en)yl group containing 4 to 22 carbon atoms, G is a sugar unit containing 5 or 6 carbon atoms and n is a number of 1 to 10, are reacted with an α -halocarboxylic acid corresponding to formula (III):



in which R^2 is H or a CH_3 group, R^3 is H or a linear and/or branched alk(en)yl group containing 1 to 6 carbon atoms and X is halogen, and then with a tertiary amine corresponding to formula (IV):



in which R^4 , R^5 and R^6 independently of one another represent a linear and/or branched alk(en)yl group containing 1 to 24 carbon atoms or a linear

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and/or branched hydroxyalkyl and/or hydroxyalkenyl group containing 1 to 24 carbon atoms.

7. The use of the preparation claimed in claim 1 as an emulsifier.
8. The use of the preparation as a hair conditioner.
- 5 9. The use of the preparation as a fabric softener.